

PHILIPS

LED

MainsFit (UL Type B) lamps



Installation **simplified**

Philips MainsFit (UL Type/Ballast bypass) T8 LED lamps use a double-ended design which significantly simplifies installation, saving time and costs. This product can replace T5, T8 or T12 lamps in fixtures containing shunted or non-shunted sockets.¹

- **Lifetime delivered** — up to 70,000 hr average life rating²
- **Easy install** — all Philips MainsFit lamps are double-ended for faster installs
- **Peace of mind** — patented design prevents shock, provides surge protection while enabling >200 lamps on a single 20A circuit
- **Energy Savings** — proven over 40% energy savings over fluorescent systems³
- **Ballast bypass** — UL Type B
- **Variety** — available in 2ft, 3ft, 4ft, 8ft and T5 HO
- **Emergency capable** — used with Bodine ELI-S-20 or ELI-S-100 emergency drivers⁴
- **Light quality and performance predictability** — consistent light output and no flicker means delighted customers
- **Maximum durability** — available in plastic for the best anti-shatter performance
- **Wide beam light distribution** — 240° beam angle, 350° illumination angle⁵
- **Installation simplicity** — can be used with both shunted and non-shunted sockets
- **DLC certified** — all MainsFit lamps are DLC listed⁶

RoHS
COMPLIANT



1. For proper operation shunting of un-shunted sockets is required. See installation instructions for details.

2. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70).

3. Savings based on comparison to F32T8 electronic instant start systems.

4. Tested to B50 L70 requirement.

5. Photometric testing consistent with IES LM-79.

6. DLC listed where DLC categories exist.

Philips MainsFit (UL Type B) LED lamps

Ordering, electrical and technical data (Subject to change without notice)

Product No. (6nc)	Model No. (12nc)	DLC Product ID	Description	Volts (V)	Watts (W)	CRI (min)	CCT (K)	Lumens (lm)	LED Lifetime ²	Beam Angle	Lamp Material	Pkg Qty (case)	MOL (in.)
4ft MasterClass T8 Plastic													
557355	9290023251	P7ADB1B8	10.5T8/MAS/48-835/MF16/P 10/1	120-277	10.5	82	3500	1600	70,000	180	Plastic	10	48
557363	9290023252	PAWQXZLG	10.5T8/MAS/48-840/MF16/P 10/1	120-277	10.5	82	4000	1650	70,000	180	Plastic	10	48
557371	9290023253	PNSQUHUR	10.5T8/MAS/48-850/MF16/P 10/1	120-277	10.5	82	5000	1650	70,000	180	Plastic	10	48
557389	9290023254	PKC3F284	14.5T8/MAS/48-830/MF20/P 10/1	120-277	14.5	82	3000	2000	70,000	180	Plastic	10	48
557397	9290023255	PVMNRRGB	14.5T8/MAS/48-835/MF20/P 10/1	120-277	14.5	82	3500	2000	70,000	180	Plastic	10	48
557405	9290023256	PHHILPJB	14.5T8/MAS/48-840/MF21/P 10/1	120-277	14.5	82	4000	2100	70,000	180	Plastic	10	48
557413	9290023257	P7NU9OQ8	14.5T8/MAS/48-850/MF21/P 10/1	120-277	14.5	82	5000	2100	70,000	180	Plastic	10	48
561720	9290024424	Pending	16.9T8/MAS/48-835/MF25/P 10/1	120-277	16.9	82	3500	2500	70,000	180	Plastic	10	48
561712	9290024395	Pending	16.9T8/MAS/48-840/MF25/P 10/1	120-277	16.9	82	4000	2500	70,000	180	Plastic	10	48
561738	9290024425	Pending	16.9T8/MAS/48-850/MF25/P 10/1	120-277	16.9	82	5000	2500	70,000	180	Plastic	10	48
4ft CorePro T8 Glass													
471748	9290023948	PIU561WN	15T8/COR/48-830/MF20/G 10/1	120-277	15	82	3000	2000	50,000	240	Glass	10	48
471755	9290023949	PNKCHHNE	15T8/COR/48-835/MF20/G 10/1	120-277	15	82	3500	2000	50,000	240	Glass	10	48
471763	9290023950	PQVJXWZS	15T8/COR/48-840/MF21/G 10/1	120-277	15	82	4000	2100	50,000	240	Glass	10	48
471771	9290023951	PELHION7	15T8/COR/48-850/MF21/G 10/1	120-277	15	82	5000	2100	50,000	240	Glass	10	48
477315	9290023944	PK9WBRJY	12.5T8/COR/48-830/MF17/G 10/1	120-277	12.5	82	3000	1700	50,000	240	Glass	10	48
477323	9290023945	PGUWLHPQ	12.5T8/COR/48-835/MF17/G 10/1	120-277	12.5	82	3500	1700	50,000	240	Glass	10	48
477331	9290023946	PHTWEL3Z	12.5T8/COR/48-840/MF18/G 10/1	120-277	12.5	82	4000	1800	50,000	240	Glass	10	48
477349	9290023947	PQHGFJDD	12.5T8/COR/48-850/MF18/G 10/1	120-277	12.5	82	5000	1800	50,000	240	Glass	10	48
557421	9290023259	P87LFQLH	9.9T8/COR/48-835/MF16/G 10/1	120-277	9.9	82	3500	1600	50,000	240	Glass	10	48
557439	9290023260	PVODK2CO	9.9T8/COR/48-840/MF16/G 10/1	120-277	9.9	82	4000	1650	50,000	240	Glass	10	48
557447	9290023261	P6QUAM20	9.9T8/COR/48-850/MF16/G 10/1	120-277	9.9	82	5000	1650	50,000	240	Glass	10	48
8ft CorePro T8 Glass													
545269	9290020140	P2RHO524	34T8/COR/96-840/MF42/G/FA8 10/1	120-277	34	82	4000	4200	50,000	240	Glass	10	96
545277	9290020141	PE2GMBO6	34T8/COR/96-850/MF42/G/FA8 10/1	120-277	34	82	5000	4200	50,000	240	Glass	10	96
545285	9290020142	No Category	44T8HO/COR/96-840/MF54/G/R17d 10/1	120-277	44	82	4000	5400	50,000	240	Glass	10	96
545293	9290020143	No Category	44T8HO/COR/96-850/MF54/G/R17d 10/1	120-277	44	82	5000	5400	50,000	240	Glass	10	96
2ft CorePro T8 Glass													
535450	9290019338	PSB5JDM7	8.5T8/COR/24-830/MF11/G 10/1	120-277	8.5	80	3000	1100	50,000	240	Glass	10	24
535468	9290019339	PKG7DURA	8.5T8/COR/24-835/MF11/G 10/1	120-277	8.5	80	3500	1100	50,000	240	Glass	10	24
535476	9290019340	PRGU80IY	8.5T8/COR/24-840/MF11/G 10/1	120-277	8.5	80	4000	1150	50,000	240	Glass	10	24
535484	9290019341	PEQHT1DN	8.5T8/COR/24-850/MF11/G 10/1	120-277	8.5	82	5000	1150	50,000	240	Glass	10	24
2ft CorePro T8 Glass G13 Base													
535492	9290019342	PEKX8MHK	11.5T8/COR/36-830/MF13/G 10/1	120-277	11.5	82	3000	1300	50,000	240	Glass	10	36
535500	9290019343	P51PGWYW	11.5T8/COR/36-835/MF13/G 10/1	120-277	11.5	82	3500	1300	50,000	240	Glass	10	36
535518	9290019344	PDESZ0HQ	11.5T8/COR/36-840/MF14/G 10/1	120-277	11.5	82	4000	1400	50,000	240	Glass	10	36
535526	9290019345	P6A2TN9L	11.5T8/COR/36-850/MF14/G 10/1	120-277	11.5	82	5000	1400	50,000	240	Glass	10	36
6" U-bend CorePro T8 Glass													
535534	9290019346	PAL67OJK	15.5T8-6U/COR/24-830/MF20/G 10/1	120-277	15.5	82	3000	2000	50,000	180	Glass	10	22.5
535542	9290019347	PVKJRY18	15.5T8-6U/COR/24-835/MF20/G 10/1	120-277	15.5	82	3500	2000	50,000	180	Glass	10	22.5
535559	9290019348	PUAR19X3	15.5T8-6U/COR/24-840/MF21/G 10/1	120-277	15.5	82	4000	2100	50,000	180	Glass	10	22.5
535567	9290019349	PMKCEPRN	15.5T8-6U/COR/24-850/MF21/G 10/1	120-277	15.5	82	5000	2100	50,000	180	Glass	10	22.5
4ft CorePro T5 Glass													
542050	9290019925	P9GYNK8G	25T5HO/COR/46-835/MF33/G 25/1	120-277	25	82	3500	3300	50,000	200	Glass	25	46
542068	9290019926	PBQ7UFSX	25T5HO/COR/46-840/MF35/G 25/1	120-277	25	82	4000	3500	50,000	200	Glass	25	46
542076	9290019927	PHK6IM4L	25T5HO/COR/46-850/MF35/G 25/1	120-277	25	82	5000	3500	50,000	200	Glass	25	46

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